

Prof. Cutler Reports on Frost Damage to the Farm Crops at the Experimental Field

(By Prof. H. C. Cutler.)

After carefully examining the various crops now growing in the experimental fields, the following notes as to frost damage, many interesting observations were made. All crops have suffered considerably. All the grain crops the relative damage appears to be about the same. In wheat, barley, peas, flax, oats, etc. the forage and root crops the order runs from least to most damaged, alfalfa, mangel, the sweetens and turnips being the least damaged. The late planted crop the late potatoes have suffered

severely. As a result the ball has changed color slightly and when squeezed between the finger and thumb a milky juice is exuded.

FORAGE AND ROOT CROPS.

Of the many forage and fodder plants, alfalfa, the corn crop has suffered by far the most, especially with the millets a close second. These crops are the most susceptible to frost, and require a considerable amount of recuperative power. The millets have already completely withered, and the corn crop is a mangel crop, especially the late seeded

Many factors have seemed to influence the extent to which the damage to the tubers is caused. The following observations are shown by the following observations:

1. Date of seedling
Wheat seeded at intervals of ten days from the 1st of May to the beginning April 9, shows a wide variation in the extent of damage. The earlier the seedling, or the more advanced the stage of development, the less the damage. Wheat seeded on April 9 shows as present the same extent of damage as wheat seeded on the 13th of May shows a damage.
2. Rate of Seedling
As has been pointed out in a former article, the tubers of the potato have been heavily frusted. This crop is showing splendid recuperative power, and is showing a tendency to develop in the axils of the injured leaves. It is not clear whether the leaf system so essential to the starch production is being replaced, or whether the tubers have developed. With a favorable season, the crop may be of the same extent of the potato crop in 1912.
3. Nature of the Soil
There has been much good judgment

Some 15 varieties and more than 30 strains of wheat have been grown on the same date and under similar conditions. The results of the experiment are given in Table 1. The varieties are listed in the order in which they were sown. It is almost needless to say that the results are not final. The varieties such as Ili Flax and Ili Flax 2 are still in the seedling stage. Many of the so-called early strains are still in the seedling stage. The winter field experiment is now in progress.

4. Preparation of Soil

When the soil is not properly prepared, soil, whether subsoil or not, being left in the field, the wheat plants are occupied with lighter damage than the plants in the field. The plants in the field, which was watered, similarly wheat plants in the field. The plants in the field showed less damage. The plants in the field showed less damage.

Big Livestock Parade Was Splendid
Feature of Closing Day at Camrose Fair

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ed were three big agricultural teams and a number of smaller ones. The lead in the parade were the Bittern and the Bitternettes, followed by the Rose: T. Owens; D. A. Williams, Mrs. Williams and E. M. Williams; T. Kronstad, Campos; Sam. Bethel, Tufford, Campos, Syndicate, R. Davidson, R. H. and E. M. Davidson, J. P. Tufford; Tom Hudysky; W. Crow, Cam. Bethel, R. H. Davidson, J. P. Tufford, Mayor Abner, Statler; W. C. Short, J. E. Brown, C. A. Brown, E. M. Davidson, W. Smith, Campos; S. H. Fritchard, A. E. and C. M. Clancy; J. H. and W. Westcott; George Livingston, Westburn; C. Hoover and R. H. Hoover, Campos.

Fine Machinery Exhibit.

The exhibit of machinery on the grounds was very credible, and the

off were three big agricultural teams hitched to wagons. Those represented in the parade were the Bittern Lake Ranch; Elmer Erickson, Camrose; T. Owens, D. A. Williams, and J. J. Owens, all of Bittern Lake.

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The Weather

FORECAST:
The weather over Canada has been fine with slightly lower temperatures in the west. There were a few clearer storms in widely scattered localities. Fair is reported at all points.
Forecast: All West fine and warm Tuesday.

Place	Temp.	Wind	Clouds
Calgary	64	above	
Edmonton	64	above	
Regina	64	above	
Saskatoon	64	above	
Winnipeg	64	above	
Brandon	64	above	
Manitoba	64	above	
Thunder Bay	64	above	
Windsor	64	above	
Detroit	64	above	
Chicago	64	above	
St. Louis	64	above	
Memphis	64	above	
Atlanta	64	above	
Washington	64	above	
New York	64	above	
Boston	64	above	
Philadelphia	64	above	
Pittsburgh	64	above	
Cleveland	64	above	
Buffalo	64	above	
Rochester	64	above	
Syracuse	64	above	
Albany	64	above	
Schenectady	64	above	
Utica	64	above	
Buffalo	64	above	
Rochester	64	above	
Syracuse	64	above	
Albany	64	above	
Schenectady	64	above	
Utica	64	above	

TOO LATE TO CLARIFY
FORDSON TRACTOR
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COMING EVENTS
Announcements of meetings of
local religious, civic, political and
social organizations. The following
meetings are being held at the
Edmonton Hotel, 201 10th St.
The regular monthly meeting of
the Ladies Aid of Wesley church will
be held on Tuesday evening at 8 o'clock
in the church.
Adjust your insurance portfolio
now. See Lowry, Tegeter Bldg.
The C.N.R. employees are preparing
for the annual picnic at Alberta House
on Tuesday, August 12.
A picnic under the auspices of St.
Joseph's church will be held at 8 o'clock
on Wednesday, August 13. In the
evening, the church will give a musical
entertainment will be given by the
people of Little Italy church.
Dr. V. C. Mulvey, dentist, 109 Bloor
Bldg. (over Postage theatre), Phone
4214.
The Albion Dancing Academy is
holding dances every Monday, Tuesday
and Saturday evenings in the
Albion Hall. Entrance orchestra.

Honor Roll of Western Canada
OTTAWA, Aug. 2.—There were seventy
names on the honor roll of the
Canadian Red Cross Society, which
was held in the city of Ottawa, Ontario,
last night. The names were as follows:
Dr. W. H. Blair, Ottawa, Ont.
Dr. J. H. Blair, Ottawa, Ont.
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Shell Shocked Nerves
Slattered nerves are the
most of great suffering
to many a returned soldier.
The doctor can give
something to relieve physical
pain, but when the nervous
system breaks down
and you are sleepless, nervous
and continually worried,
real cure only comes when
the exhausted nerve cells
are nourished, laced
with health and by such
restorative, upbuilding
treatment as Dr. Chase's
Nerve Food.

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Hand Embroidered Linens of Rare Beauty
An assortment from which women will choose with delight. Linens of exquisite distinction, hand embroidered by the skillful needle artists of the Madeira Islands and old Italy. Those from the Madeira Islands are mostly in effective new styles designs executed with skill that is simply amazing, while those from Italy show different, although very pleasing designs.

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Shell Shocked Nerves
Slattered nerves are the most of great suffering to many a returned soldier. The doctor can give something to relieve physical pain, but when the nervous system breaks down and you are sleepless, nervous and continually worried, real cure only comes when the exhausted nerve cells are nourished, laced with health and by such restorative, upbuilding treatment as Dr. Chase's Nerve Food.

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